

STATE OF NEW HAMPSHIRE
INTER-DEPARTMENT COMMUNICATION

DATE: January 14, 2022

FROM: Joshua Brown
Wetlands Program Analyst

AT (OFFICE): Department of
Transportation

SUBJECT: Shoreland Permit Application
Jaffrey – 16307A

Bureau of
Environment

TO: NH Department of Environmental Services
Wetlands Bureau, Shoreland Program
29 Hazen Drive
Concord, NH 03302-0095

Forwarded herewith is the Shoreland Permit package for the subject NHDOT project. The project is located on US Route 202 in the Town of Jaffrey, NH. The proposed work is associated with the US Route 202 relocation and consist of demolition of structures on two parcels.

Impacts to shoreland jurisdiction are associated with the relocation of US Route 202 and the demolition of buildings located on two parcels.

The shoreland impacts are within NH DOT Right-of-Way and permanent easements.

Erosion and siltation controls will be installed prior to the start of work and will be maintained throughout the project, and will remain in place until all disturbed areas have been stabilized.

A payment voucher has been processed for this application (Voucher #669223) in the amount of \$3,496.80 for impacts of 15,484 SF.

If and when this application meets with the approval of the Bureau, please send the permit directly to Andrew O’Sullivan, Wetlands Program Manager, Bureau of Environment.

JRB;jrb
Enclosures

cc:
BOE Original
Town of Jaffrey
Contoocook River LAC

S:\Environment\PROJECTS\JAFFREY\16307\Wetlands\Shoreland Application 16307A\shoreland coverletter distribution-01-14-2022.doc



Jaffrey 16307A

Demolition of structures on two parcels in Jaffrey, NH

Precursor of the Jaffrey 16307 project: US Route 202 relocation (reconfigure “dog-leg” intersection of US Route 202, NH Route 124, and NH Route 137).



SHORELAND PERMIT APPLICATION

Water Division/ Land Resources Management Shoreland Program



[Check the Status of your Application](#)

RSA/Rule: RSA 483-B, Env-Wq 1400

Administrative Use Only	Administrative Use Only	Administrative Use Only	File No.:
			Check No.:
			Amount:
			Initials:

This is an application for a permit to excavate, fill, construct new structures, or remove structures within the protected shoreland as regulated under RSA 483-B.

SECTION 1 - PROJECT DESCRIPTION (Env-Wq 1406.07)			
Provide a concise description of the proposed project: Demolition of two buildings at the addresses listed above in the Town of Jaffery and removal of respective paved drives and parking lot. Grading disturbed area. Adding humus and seed to disturbed area.			
SECTION 2 - PROJECT LOCATION (Env-Wq 1406.07)			
ADDRESS: 15 River St. & 4 Stratton Rd	TOWN/CITY: Jaffrey	STATE: NH	ZIP CODE: 03452
WATERBODY NAME: Contoocook River	TAX MAP/ BLOCK/LOT NUMBER : NA		
SECTION 3 - PROPERTY OWNER & DEED INFORMATION (Env-Wq 1406.07)			
The legal name of each property owner must be as it appears on the deed of record. If the owner is a trust or a company, then the name of the trust or company should be written as the owner's name.			
LAST NAME, FIRST NAME, M.I.: Tobey Teynolds PE			
MAILING ADDRESS: 7 Hazen Drive	TOWN/CITY: Concord	STATE: NH	ZIP CODE: 03302
PHONE: (603)-274-7421	EMAIL (if available): Tobey.L.Reynolds@dot.nh.gov		
REGISTRY OF DEED COUNTY [REDACTED], BOOK NUMBER [REDACTED], PAGE NUMBER [REDACTED]			
SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER), IF DIFFERENT THAN OWNER (Env-Wq 1406.07)			
If the applicant is a trust or a company, then the name of the trust or company should be written as the applicant's name. If the applicant is the owner, leave blank and check the following box: <input type="checkbox"/> .			
LAST NAME, FIRST NAME, M.I.: [REDACTED]			
MAILING ADDRESS: [REDACTED]	TOWN/CITY: [REDACTED]	STATE: [REDACTED]	ZIP CODE: [REDACTED]

shoreland@des.nh.gov or (603) 271-2147

NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

<http://www.des.nh.gov>

PHONE: [REDACTED]	EMAIL (if available): [REDACTED]		
SECTION 5 - CONTRACTOR OR AGENT (OPTIONAL)			
LAST NAME, FIRST NAME, M.I.: [REDACTED]			
ADDRESS: [REDACTED]	TOWN/CITY: [REDACTED]	STATE: [REDACTED]	ZIP CODE: [REDACTED]
PHONE: [REDACTED]	EMAIL (if available): [REDACTED]		
SECTION 6 - CRITERIA (Env-Wq 1406.07)			
<p>Please check at least one of the following criteria:</p> <p><input checked="" type="checkbox"/> This shoreland permit application requires neither a proposal to make the property more nearly conforming nor a request for a waiver of a minimum standard.</p> <p><input type="checkbox"/> This shoreland permit application includes a proposal to make the structures and/or the property more nearly conforming in accordance with RSA 483-B:11.</p> <p><input type="checkbox"/> This shoreland permit application includes a request for a waiver of the following minimum standard(s): RSA 483-B:9, V [REDACTED].</p>			
SECTION 7 - RELATED NHDES LAND RESOURCES MANAGEMENT PERMIT APPLICATIONS ASSOCIATED WITH THIS PROJECT (Env-Wq 1406.14)			
Please indicate if any of the following permits are required and, if required, the status of the application.			
Permit Type	Permit Required	File Number	Permit Application Status
Alteration of Terrain Permit per RSA 485-A:17	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	[REDACTED]	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Individual Sewerage Disposal per RSA 485-A:29	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	[REDACTED]	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Subdivision Approval per RSA 485-A:29	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	[REDACTED]	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Wetlands Permit per RSA 482-A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	[REDACTED]	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
SECTION 8 - REFERENCE LINE ELEVATION (Env-Wq 1406.07)			
Required for projects located on the protected shoreland of lakes or ponds. The reference line elevations for most lakes, ponds, and artificial impoundments greater than 10 acres in size are listed in the Consolidated List of Waterbodies Subject to the Shoreland Water Quality Protection Act. Please see RSA 483-B:4, XVII for the definition of reference line.			
REFERENCE LINE ELEVATION: 1007 feet above sea level.			
SECTION 9 - APPLICATION FEE & SUBMITTAL (RSA 483-B:5-b, I, (b))			
A non-refundable permit application fee of \$200 plus \$0.20 per total square feet of impact for restoration of water quality improvement projects, or \$400 plus \$0.20 per total square feet of impact for all other projects is required at the time the application is submitted. Please mail or hand deliver this application and all required attachments to the NHDES Wetlands Bureau, PO Box 95, Concord, NH 03302-0095. Missing information will delay processing your application and may result in denial of a shoreland permit application. Please make checks payable to the Treasurer, State of NH.			

shoreland@des.nh.gov or (603) 271-2147

NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

<http://www.des.nh.gov>

SECTION 10 - CALCULATING THE TOTAL IMPACT AREA AND PERMIT APPLICATION FEE (RSA 483-B:5-b, I, (b))		
Total impact area is calculated by determining the sum of all areas disturbed by regrading, excavating, filling, construction, or structure removal. Impacts often include, but are not limited to: constructing new driveways, constructing new structures, areas disturbed when installing septic systems and foundations, creating temporary access roads to drill a new well, and regrading associated with landscaping activities.		
TOTAL AREA IMPACTED WITHIN THE PROTECTED SHORELAND = 15,484 (A) square feet		
<ul style="list-style-type: none"> • For restoration of water quality improvement projects: Multiply line (A) by \$0.20 and add \$200. [(A) × \$0.20 + \$200] =\$ Permit fee • For all other projects: Multiply line (A) by \$0.20 and add \$400. [(A) × \$0.20 + \$400] =\$ 3,496.80 Permit fee 		
SECTION 11 - REQUIRED CERTIFICATIONS (Env-Wq 1406.08; Env-Wq 1406.10(a))		
By initialing within the blank before each of the following statements, and signing below, you are certifying that:		
Initials: TR	The information provided is true, complete, and not misleading to the knowledge and belief of the signer.	
Initials: TR	I understand that: <ul style="list-style-type: none"> • Any permit or waiver granted based on false, incomplete, or misleading information shall be subject to revocation. • I am subject to the applicable penalties in RSA 641, Falsification in Official Matters. And • Obtaining a shoreland permit shall not exempt the work proposed from other state, local, or federal approvals. 	
Initials: TR	I have notified the municipality or municipalities in which the proposed impacts are located and provided them with a complete copy of the application and all supporting materials via certified mail, in accordance with Env-Wq 1406.13.	
Initials: TR	I have notified all abutters ¹ of the proposed impacts via certified mail, in accordance with Env-Wq 1406.13.	
Initials: TR	<input checked="" type="checkbox"/> This project is within ¼ mile of a designated river and I have notified the Local River Management Advisory Committee (LAC) by providing the LAC with a copy of the complete application, including all supporting materials, via certified mail, in accordance with Env-Wq 1406.13. <input type="checkbox"/> This project is not within ¼ mile of a designated river.	
Initials: TR	For any project proposing that the impervious area be at least 15% but not more than 20% within the protected shoreland, I certify that the impervious area is not more than 20%. <input checked="" type="checkbox"/> N/A	
SECTION 12 - REQUIRED SIGNATURES (Env-Wq 1406.08)		
Both the property owner and applicant must sign the application.		
SIGNATURE (OWNER): 	PRINT NAME LEGIBLY: Tobey Reynolds	DATE: 1/10/2021
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): 	PRINT NAME LEGIBLY: 	DATE:

¹ "Abutter" means any person who owns property that is immediately contiguous to the property on which the proposed work will take place, or who owns flowage rights on such property. The term does not include those properties separated by a public road or more than ¼ mile from the limits of the proposed work. If contiguous properties are owned by the person who is proposing the work, then the term includes the person owning the next contiguous property, subject to the ¼ mile limitation.

SHORELAND APPLICATION WORKSHEET

This worksheet *must* be submitted to the NHDES Wetlands Bureau with every Shoreland Permit Application. **A separate shoreland application worksheet must be submitted for each individual lot of record where impacts are proposed.**

For the purposes of this worksheet, “**pre-construction**” impervious surface area² means all human made impervious surfaces³ currently present within the protected shoreland of a lot, whether to be removed or to remain after the project is completed. “**Post-construction**” impervious area means all impervious surfaces that will exist within the protected shoreland of a lot upon completion of the project, including both new and any remaining pre-construction impervious surfaces. All answers shall be given in square feet.

Calculating the Impervious Area of a Lot

CALCULATING THE IMPERVIOUS AREA OF A LOT WITHIN 250 FEET OF THE REFERENCE LINE (Env-Wq 1406.11)			
	STRUCTURE DESCRIPTION	PRE-CONSTRUCTION IMPERVIOUS AREAS	POST-CONSTRUCTION IMPERVIOUS AREAS
PRIMARY STRUCTURE(S) House and all <u>attached</u> decks and porches.	buildings	5,614 FT ²	0 FT ²
ACCESSORY STRUCTURES All other impervious surfaces excluding lawn furniture, well heads, and fences. Common accessory structures include, but are not limited to: driveways, walkways, patios, and sheds.	Parcel 11 drive	2,581 FT ²	0 FT ²
	Parcel 26 parking lo	4,457 FT ²	0 FT ²
	[REDACTED]	[REDACTED] FT ²	[REDACTED] FT ²
	[REDACTED]	[REDACTED] FT ²	[REDACTED] FT ²
	[REDACTED]	[REDACTED] FT ²	[REDACTED] FT ²
	[REDACTED]	[REDACTED] FT ²	[REDACTED] FT ²
TOTAL:		(A) 12,652 FT ²	(B) 0 FT ²
Area of the lot located within 250 feet of reference line:			(C) 17,999 FT ²
Percentage of lot covered by pre-construction impervious area within 250 feet of the reference line: <i>[divide (A) by (C) x 100]</i>			(D) 70.29 %
Percentage of lot to be covered by post-construction impervious area within 250 feet of the reference line upon completion of the project: <i>[divide (B) by (C) x 100]</i>			(E) 0 %

² “**Impervious surface area**” as defined in Env-Wq 1402.13 means, for purposes of the impervious surface limitation specified in RSA 483-B:9, V(g), the sum total of the footprint of each impervious surface that is located within the protected shoreland.

³ “**Impervious Surface**” as defined in RSA 483-B:4, VII-b means any modified surface that cannot effectively absorb or infiltrate water. Examples of impervious surfaces include, but are not limited to, roofs, and unless designed to effectively absorb or infiltrate water, decks, patios, and paved, gravel, or crushed stone driveways, parking areas, and walkways.

shoreland@des.nh.gov or (603) 271-2147

NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

<http://www.des.nh.gov>

Stormwater Management Requirements

THE IMPERVIOUS AREA THRESHOLDS (RSA 483-B:9, V(g))
<input checked="" type="checkbox"/> A net decrease or no net increase in impervious area is proposed (If line E is less than or equal to line D).
<input checked="" type="checkbox"/> The percentage of post-construction impervious area (line E) is less than or equal to 20%. This project does not require a stormwater management plan and does not require a plan demonstrating that each waterfront buffer grid segment at least meets the minimum required tree and sapling point score.
<input type="checkbox"/> A net increase in impervious area is proposed and the percentage of post-construction impervious area (line E) is greater than 20%, but less than 30%. This project requires a stormwater management but, does not require a plan demonstrating that each waterfront buffer grid segment at least meets the minimum required tree and sapling point score. <i>See details on the Application Checklist</i>
<input type="checkbox"/> A net increase in impervious area is proposed and the percentage of post-construction impervious area (line E) is greater than 30%. This project requires a stormwater management plan designed and certified by a professional engineer and requires plans demonstrating that each waterfront buffer grid segment meets at least the minimum required tree and sapling point score. <i>See details on the Application Checklist</i>

Natural Woodland Area Requirement

DETERMINING THE AREA TO REMAIN AS NATURAL WOODLAND	
Total area of the lot between 50 feet and 150 feet of the reference line within which the vegetation currently exists as natural woodland ⁴ (see definition below).	(F) 0 FT ²
Total area of the lot between 50 feet and 150 feet from the reference line.	(G) 3,785 FT ²
At least 25% of area (G) must remain in as natural woodland. $[0.25 \times G]$	(H) 946 FT ²
Place the lesser of area (F) and calculation (H) on this line. In order to remain compliant with the natural woodland area requirement , this is the minimum area that must remain as natural woodland between 50 feet and 150 feet from the reference line. This area must be represented on all plans and this area, exclusive of existing lawn, must remain in an unaltered state ⁵ .	(I) 0 FT ²
Name of person who prepared this worksheet: Anthony L King	
Name and date of the plan this worksheet is based upon: Shoreland Impact Plans (2 sheets)	

⁴ **“Natural Woodland”** means a forested area consisting of various species of trees, saplings, shrubs, and ground covers in any combination and at any stage of growth (483-B:4, XI).

⁵ **“Unaltered State”** means native vegetation allowed to grow without cutting, limbing, trimming, pruning, mowing, or other similar activities except as needed for renewal or to maintain or improve plant health (483-B:4, XXIV-b).

Keep this checklist for your reference; do not submit with your application.

APPLICATION CHECKLIST

Unless specified, all items listed below are required. Failure to provide the required items will delay a decision on your project and may result in the denial of your application. Please reference statute RSA 483-B, the Shoreland Water Quality Protection Act (SWQPA) and administrative rules Env-Wq 1400 et seq. of the SWQPA available online at www.des.nh.gov. This checklist is for your guidance only. Please submit the required items but do not submit this checklist to NHDES.

Required Attachments for All Projects (Env-Wt 1406.06, Env-Wq 1406.07; Env-Wq 1406.12; Env-Wq 1406.13)

- Application fee required by RSA 483-B:5-b, I(b).
- A copy of the recorded deed of the current property owner.
- A copy of the US Geological Survey map with the property and project located.
- Photographs which clearly show the existing site conditions within the protected shoreland, including the area within 50 feet of all proposed impacts.
- A copy of the tax map showing the location and lot number of the proposed project.
- A list of names and mailing addresses, as well as tax map and lot numbers, of all abutters. Public infrastructure projects such as public roads, public utility lines, and associated structures and facilities, including public water access facilities, are not required to notify abutters (RSA-483-B:5-b, IV(a)).
- Certified mail receipts verifying that the governing body of the municipality in which the project will be located, the Local River Management Advisory Committee (LAC), if the project is within ¼ mile of a Designated River under RSA 483:15, and all abutters have been notified, as applicable (RSA-483-B:5-b, IV(a)).
- A copy of the NH Natural Heritage Bureau (NHB) Report for the subject property indicating that the project has been screened for species of concern.
- If the applicant is not the property owner and is not the authorized agent of the property owner for purposes of the application, documentation supporting the applicant's right to engage in the proposed activity on the property, for example a long-term lease or purchase-and-sale agreement.
- Plans and additional information, as described below.

Plans (Format)

- Plans shall have a left margin of 2 inches; the remaining margins shall be at least 1 inch (Env-Wq 1406.11(b)).
- Plans which are drawn to scale shall be shown using a scale of not more than 20 feet to one inch, except that if the lot cannot be shown on a 1:20 scale, it shall be shown on a larger scale on a separate sheet (Env-Wq 1406.11(c)).
- Fold oversized plans to 8.5 x 11 inches (Env-Wq 1406.11(d)).

Plans (Details)

The following information must be shown on **all** plans (Env-Wq 1406.09; Env-Wq 1406.10):

- An overview plan of the property within 250 feet of the reference line that shows the approximate location of all property lines, easements, and rights-of-way, clearly labeled.
- The scale, if any, used on the plan, or if the plan is not to scale, the complete dimensions of all features.
- A north-pointing arrow, indicating orientation.

shoreland@des.nh.gov or (603) 271-2147

NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

<http://www.des.nh.gov>

- A legend that clearly indicates all symbols, line types, and shadings.
- The reference line, the primary building line (i.e., the 50-foot primary structure setback line), the limits of the woodland buffer, and the protected shoreland.
- All other applicable local and state setbacks.
- The dimensions and locations of all existing structures, impervious areas, disturbed areas, and all other relevant features necessary to clearly define existing conditions.
- The dimensions and locations of all proposed structures, impervious areas, and all other relevant features necessary to clearly define the proposed project.
- A delineation of all existing and proposed cleared areas, such as, lawns, fields, paths, gardens, and beaches.
- The dimensions, locations, and descriptions of all proposed temporary impacts associated with completion of the project.
- The locations of all areas between 50 feet and 150 feet of the reference line that will remain as **natural woodland (as determined on *Line (I)* of the shoreland application worksheet)**.
- Proposed methods of erosion and siltation controls indicated graphically and labeled, or otherwise annotated as needed for clarity, as specified by Env-Wq 1404.
- If the topography is to be permanently altered, the existing and proposed topography, including a reference elevation.
- A plan of any planting(s) proposed in the waterfront buffer, showing the proposed location(s) and scientific names or common names of proposed species.
- If applicable, the location of an existing or proposed 6-foot-wide foot path to the waterbody or temporary access path, as allowed by RSA 483-B:9, V(a)(2)(D)(viii) and (ix).
- The date of plan and the preparer's name.

Required Additional Information

1. Projects Within the Waterfront Buffer (RSA 483-B:9, V(a)(2)(D); Env-Wq 1405.03; Env-Wq 1406.10)

- A plan delineating each waterfront buffer grid segment that will be impacted by the project.
- The location and diameter of all trees and saplings, at least up to that which is sufficient to meet the minimum point requirement specified in RSA 483-B:9, V(a)(2)(D) within each grid segment to be impacted.
- A designation of the trees and/or saplings to be cut during the project, if any, including:
 - The diameter of all trees and saplings at 4½ feet from the ground.
 - The names of the existing species, using either scientific names or common names.
- For any project proposing new or modification to the footprint of accessory structures within the waterfront buffer, provide the shoreland frontage of the lot, which is required to determine compliance with Env-Wq 1405.03.

2. Subdivision Projects and Projects Requiring New Septic Systems (RSA 483-B:9)

- Location and description of any on-site or proposed septic system including approval number, if known, to provide evidence of compliance with RSA 483-B:9, V(c).
- For subdivisions only: shoreland frontage of the lot, to provide evidence of compliance with RSA 483-B:9, V(e) & (f).

shoreland@des.nh.gov or (603) 271-2147

NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

<http://www.des.nh.gov>

3. Projects Involving an Increase in Impervious Area (Env-Wq 1404.02; Env-Wq 1406.10; RSA 483-B:9 V (g))

Projects that propose a **net increase** in impervious area may be required to incorporate a stormwater management plan and enhance the waterfront buffer with additional vegetation:

- For projects that propose a net increase in impervious area and the percentage of post-construction impervious area will be greater than 20%, but less than 30% (**as determined on *Line (E)* of the shoreland application worksheet**) within the protected shoreland, as specified in RSA 483-B:9 V (g)(2), please provide:
 - Plans for a stormwater management system that will infiltrate increased stormwater from development in accordance with Env-Wq 1500.
- For projects that propose a net increase in impervious area and the percentage of post-construction impervious area will be greater than 30% (**as determined on *Line (E)* of the shoreland application worksheet**) within the protected shoreland, as specified in RSA 483-B:9 V (g) (1) and (3), please provide:
 - Plans for a stormwater management system that is designed and certified by a professional engineer. Such system design shall demonstrate that the post-development volume and peak flow rate based on the 10-year, 24-hour storm event, shall not exceed the pre-development volume and peak flow rate for flow off the property within the protected shoreland.
 - Evidence that each grid segment of the waterfront buffer at least meets the minimum required tree and sapling point score and/ or a planting plan in accordance with PART Env-Wq 1413, with the locations and species of all native plantings proposed to at least bring each deficient grid segment up to the required minimum point score. An explanation of how to score grid segments and a native species planting list is available in the NHDES fact sheet: "Vegetation Management for Water Quality".

4. Pervious Technology Use (Env-Wq 1406.10)

For any project that proposes the use of pervious surface technologies such as pervious asphalt or porous concrete, or to maintain existing pervious surfaces, please provide:

- A plan with the dimensions and locations of all proposed pervious surfaces.
- A cross-section of each type of pervious surface that shows the construction method and details. And
- Specifications indicating how the pervious technologies will be installed and maintained.

5. Nonconforming Structures in accordance with RSA 483-B:11 (Env-Wq 1408.05)

- For projects that propose expansions of non-conforming primary structures, please provide a completed [More Nearly Conforming Request Form](#) or your own request explaining how the project meets the requirements of RSA 483-B:11 and Env-Wq 1408.05.

6. Waiver from the Minimum Standards (Env-Wq 1406.10; Env-Wq 1409)

- For projects that request a waiver from the minimum standards of RSA 483-B:9, please provide a completed [Request Waiver from the Minimum Standards Request Form](#) or your own request explaining how the project meets the requirements of RSA 483-B:9,V(i) and PART Env-Wq 1409.01.

7. Waiver from the Rules (Env-Wq 1413)

- For projects that request a waiver from the rules (Env-Wq 1400 et seq.), please provide a completed [Request Waiver from the Shoreland Rules Form](#) or your own request explaining how the project meets the requirements of PART Env-Wq 1413.

shoreland@des.nh.gov or (603) 271-2147

NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

<http://www.des.nh.gov>

Shoreland Permit Application:

Jaffrey 16307A

Demolition of structures on two parcels in Jaffrey, NH

Precursor of the Jaffrey 16307 project: US Route 202 relocation (reconfigure “dog-leg” intersection of US Route 202, NH Route 124, and NH Route 137). The Jaffrey 16307 project will have a separate Shoreland Application.

Existing Condition:

Two parcels (Parcels 11 and 26) bought by the State of NH for the needs of the Jaffrey 16307 project have structures that will be demolished prior to the advertising of the Jaffrey 16307 project.

Parcel 11:

Parcel 11 is located at 15 River Street in Jaffrey and borders on River Street to the west, the Jaffrey War Memorial to the north - northeast, the Contoocook River to the East and Parcel 8 to the south - southwest. This structure is a Two-story wood frame, colonial style residential, six-unit multi-family apartment building, with a block, granite, stone foundation and an unfinished crawlspace basement.

The parcel is trapezoidal, 0.31 acres, with approximately 72’ of frontage along River Street and approximately 126’ along the Contoocook River. The parcel is level at street grade then gradually slopes downward to the east - southeast for approximately 70’ to the back southeasterly corner of the site. A retaining wall approximately 4+/- feet in height runs from the east corner of the structure in a northeasterly direction to the northeasterly corner of the parcel (then continuing along the Jaffrey War Memorial riverside). Approximately 20’ +/- feet to the southeast of the structure and connecting to the first retaining wall lies a second retaining wall, creating a terraced step in the slope towards the Contoocook River. To the north side of the structure a gradual slope downward away from the structure for approximately 28’ ends at a 3rd, short retaining wall separating Parcel 11 from the Jaffrey War Memorial parcel. The soils consist of Caesar loamy sand, classified as a Group 1 soil with excessively drained soils with rapidly or very rapidly permeable receiving layer, 3 to 8 percent slopes.

Parcel 26:

Parcel 26 is located at 4 Stratton Road in Jaffrey and borders Stratton Road to the north, Blake Street to the west, Parcel 29 to the south, and Monadnock Recreational Rail Trail to the east. The structure is a single story masonry and wood truss roof structure on a slab/raised slab.

The parcel is pentagonal (almost rectangular), 0.15 acres, with approximately 98’ of frontage on Stratton Road and approximately 113’ of frontage on Blake Street. The parcel is fully impervious, with the structure and paved for access and parking. The parcel parking area abuts a concrete retaining wall along the Monadnock Recreational Rail Trail. The soils consist of Caesar loamy sand, 3 – 8 percent slopes.

Proposed Condition:

Parcel 11:

The structure, driveway, part of the retaining wall running northeasterly (from structure to the first angle point), the terraced wall, and the wall between the parcel and the Jaffrey Memorial Park will be removed. All disturbed areas are to be regraded to drain away from River Street, covered with humus, and seeded.

Parcel 26:

The structure and paved surfaces (access and parking) will be removed. All disturbed areas are to be regraded to drain towards existing drainage systems, covered with humus, and seeded.

Lot:

On Parcel 11 (lot size: 13,700 sf +/-), the structure, driveway, and most of the lawn surface northerly and easterly) will be disturbed for this demolition project. A small portion of the area between the terraced retaining wall and the Contoocook River will be left undisturbed with this work. Very little of this parcel will not be reworked in the future Jaffrey 16307 project.

The entirety of Parcel 26 (lot size: 6,534 sf +/-) will be considered as disturbed for this demolition project as the structure and paved surfaces cover the entirety of the parcel. Very little of this parcel will not be reworked in the future Jaffrey 16307 project.

Waterfront Buffer:

As shown on the Shoreland Impact plans:

Parcel 11 has 4,764 sf of impacted area between the Contoocook River Top-of-Bank (TOB) reference line and the 50' offset Waterfront Buffer, WB50 line, west of the Contoocook River.

Parcel 26 is totally outside of the Waterfront Buffer area east of the Contoocook River.

There is no wooded area impacted with the work in the Parcel 11 Waterfront Buffer area.

Natural Woodland Buffer:

As shown on the Shoreland Impact plans:

Parcel 11 has 3,785 sf of impact between the Waterfront Buffer, WB50 line, and the 150' Natural Woodland Buffer line, NWB150 line, offset from the TOB, west of the Contoocook River.

Parcel 26 is totally outside of the Natural Woodland Buffer area east of the Contoocook River.

There is one large maple tree within the Natural Woodland Buffer area on Parcel 11. This tree will be removed with the demolition project or the Jaffrey 16307 project as it will fall within the limits of the future Jaffrey 16307 project work.

Protected Shoreland:

As shown on the Shoreland Impact plans:

Parcel 11 is totally within the area between the NWB150 and TOB lines, therefore has no Protected Shoreland impacts within the Protected Shoreland line, PS250, offset 250 from the TOB reference line, and the NWB150 line, west of the Contoocook River.

Parcel 26 has 6,935 sf of impact (entire parcel) within the Protected Shoreland area east of the Contoocook River.

As described above, Parcel 26 is fully impervious, with the parcel's structure and pavement covering the parcel.

Impervious Surface:

The Parcel 11 structure area is 2,764 sf and the associated driveway is 2,581 sf for a total parcel impervious area of 5,345 sf

The Parcel 26 structure area is 2,850 sf and the associated access and parking lot is 4,457 sf for a total parcel impervious area of 7,307 sf.

At the completion of the demolition work there will be no impervious area on either parcel.

The future Jaffrey 16307 project will rework these two parcel areas with new roadway pavement and slopework, which will be quantified and presented in the Jaffrey 16307 Shoreland Application plans.

Stormwater Treatment:

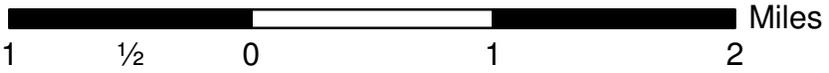
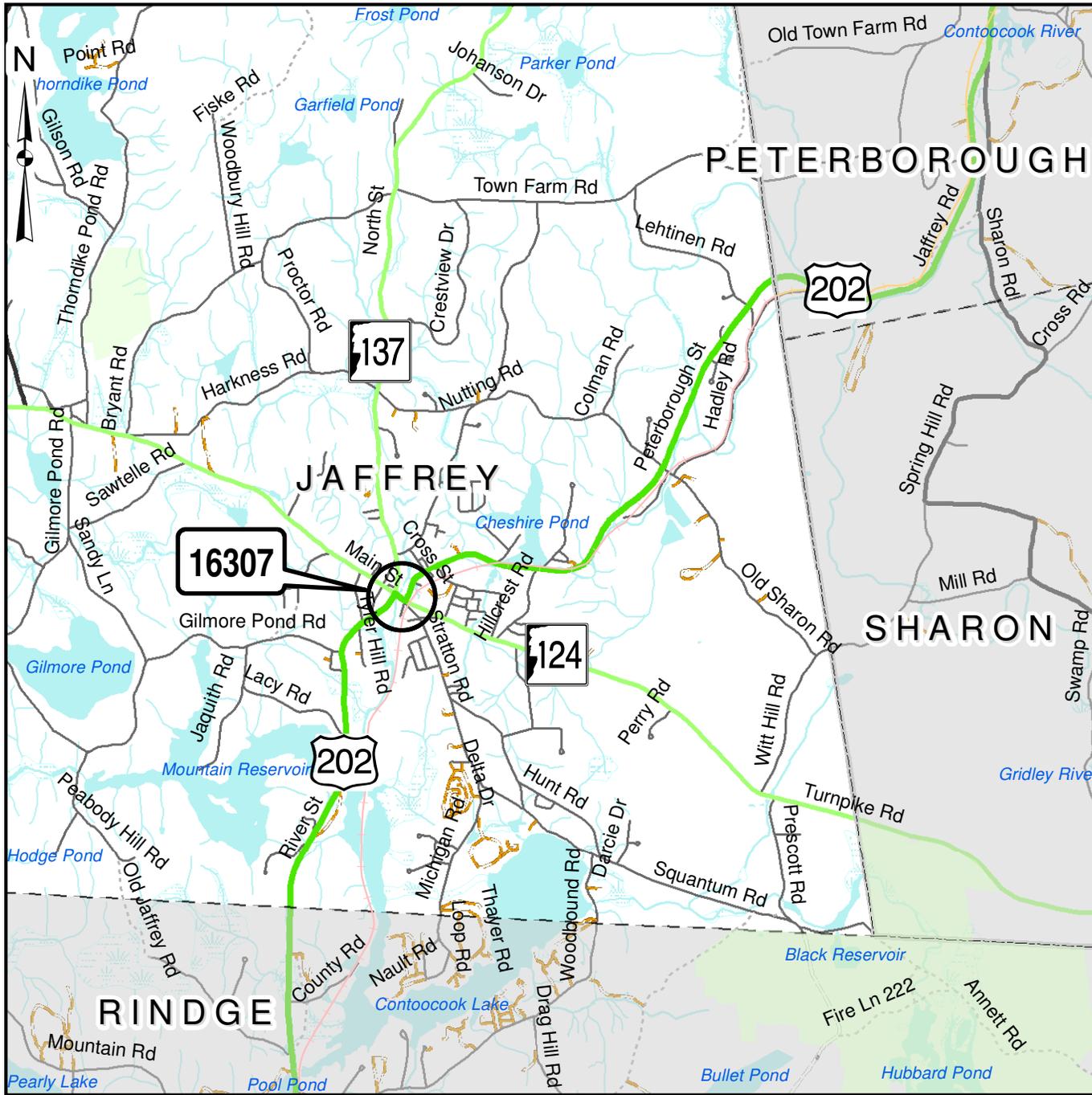
No stormwater treatment besides temporary construction stormwater BMP efforts are planned for the demolition of the two structures.

The Jaffrey 16307 project will have stormwater treatment features as part of that project's design.



Jaffrey
16307A

JAFFREY - US 202 / NH124 / NH137



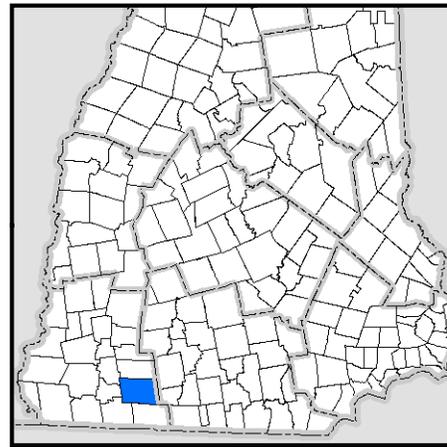
LEGEND

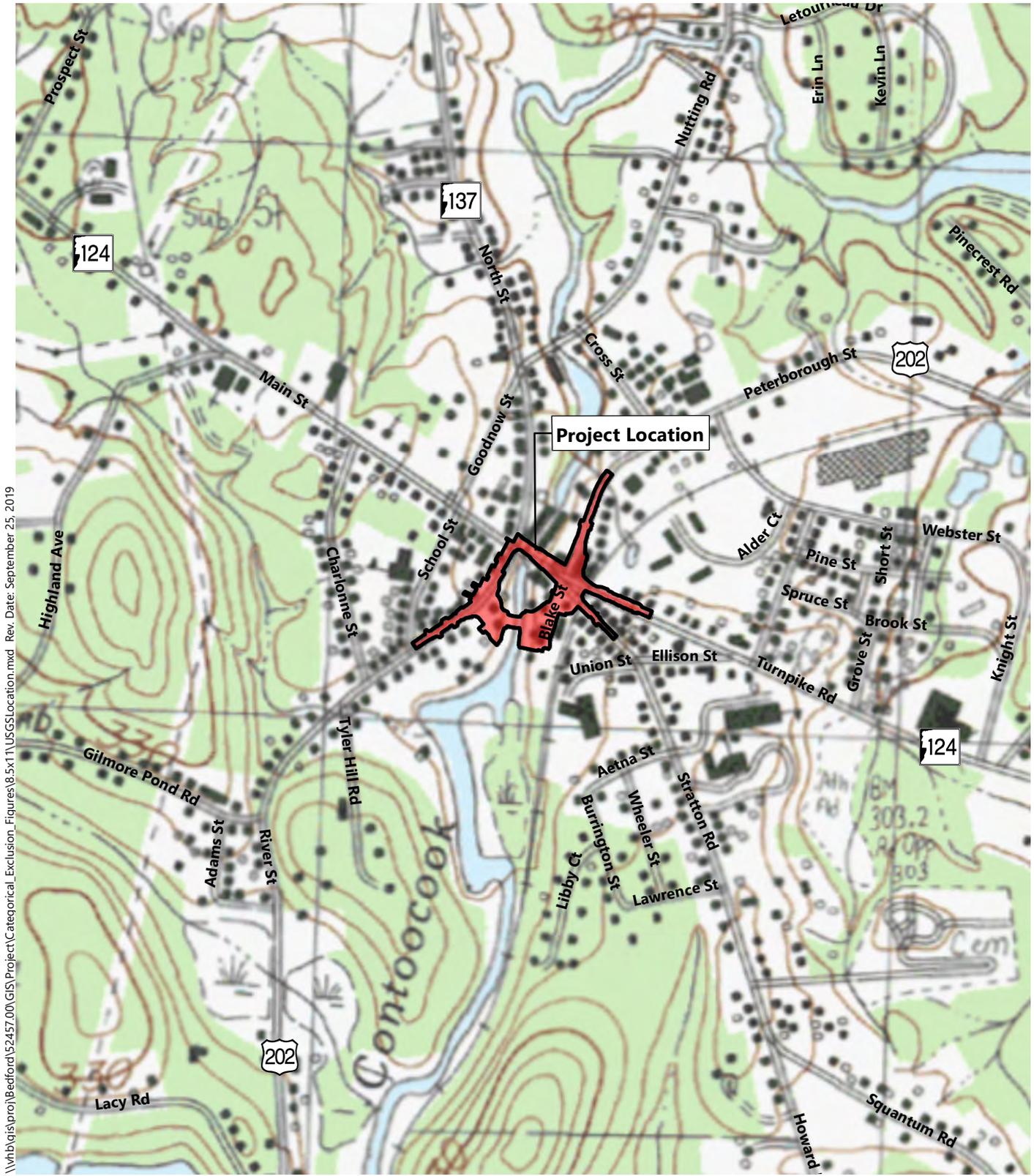
- Streams
- Water Bodies
- US Routes
- State Routes
- Interstates
- Local Roads
- Town Boundary

Department of Transportation

State #: 16307
 Federal #: X-A001(234)

LOCATION MAP





\\vhb\gis\proj\bedford\52457.00\GIS\Project\Categorical_Exclusion_Figures\8.5x11\USGS\Location.mxd Rev. Date: September 25, 2019



Jaffrey 16307 

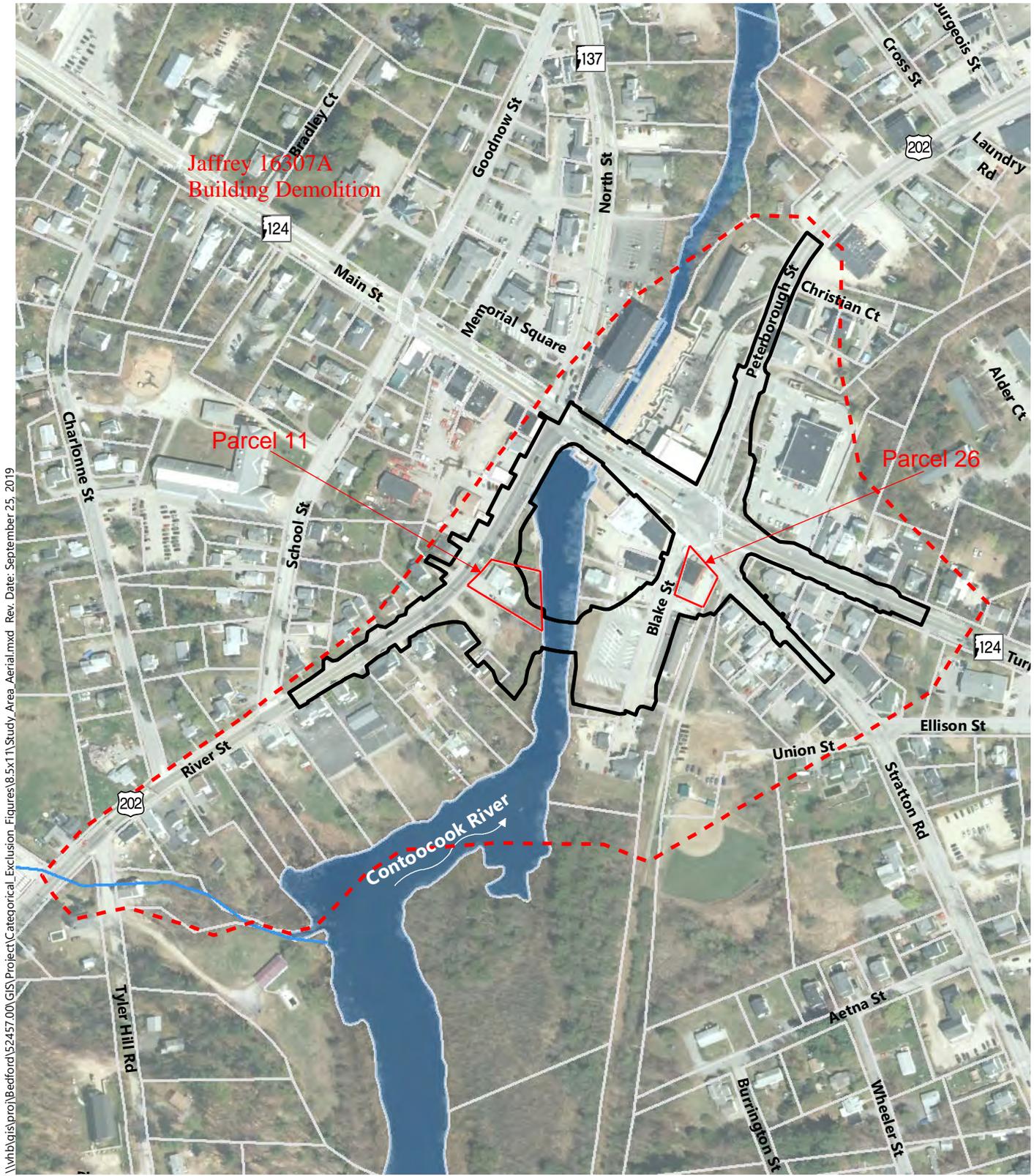
Jaffrey, New Hampshire

 Project Footprint

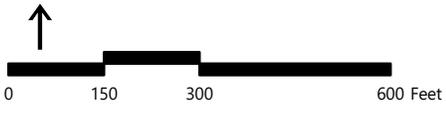
Figure 1.1-1
USGS Site Location Map

Source: VHB, NHGRANIT





\\whb\gis\proj\bedford\52457.00\GIS\Project\Categorical_Exclusion_Figures\8.5x11\Study_Area_Aerial.mxd Rev. Date: September 25, 2019



Jaffrey 16307 

Jaffrey, New Hampshire

-  Project Footprint
-  Study Area

Figure 1.1-2
Study Area

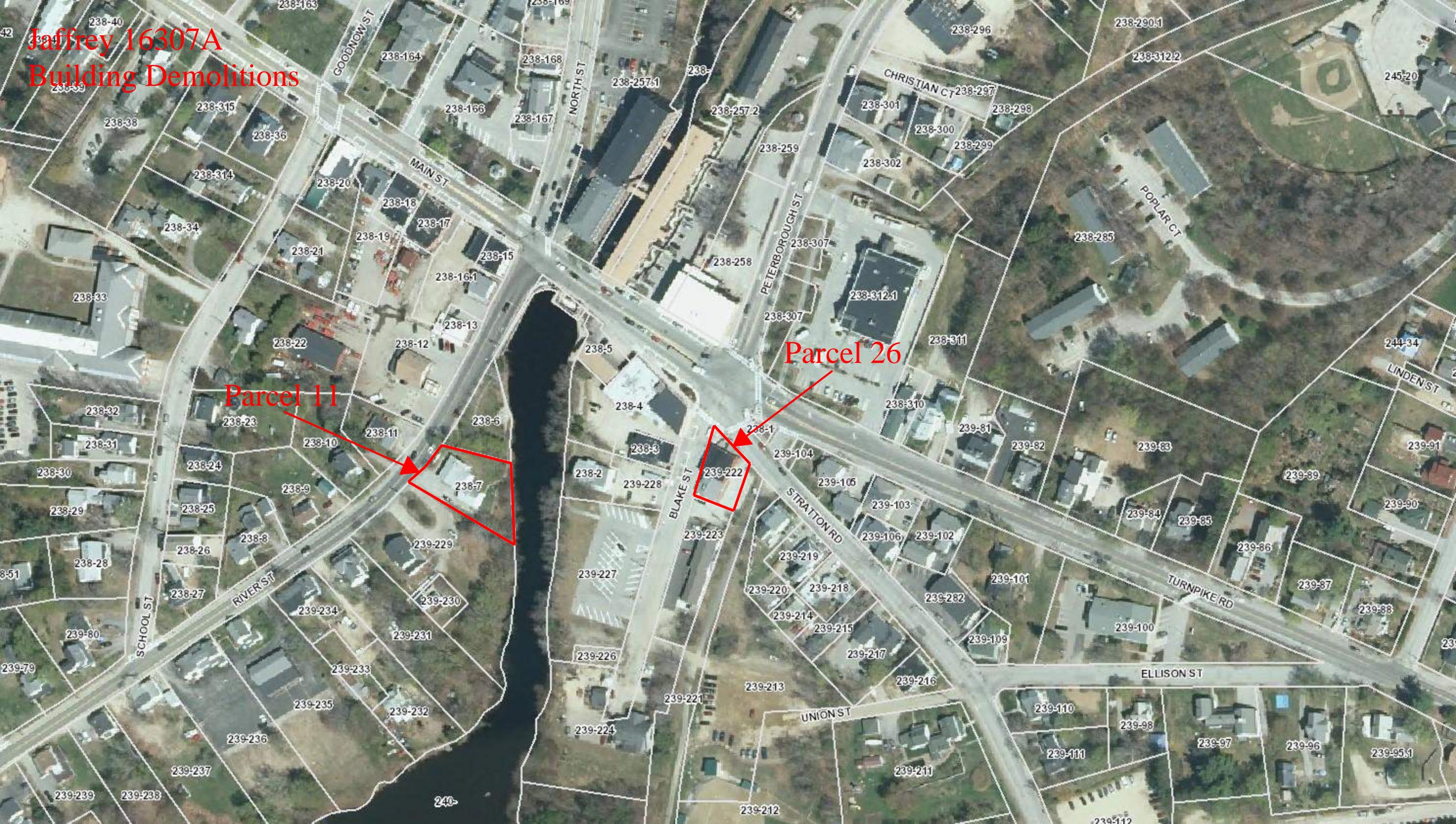
Source: VHB, NHGRANIT



Jaffrey 16307A Building Demolitions

Parcel 11

Parcel 26



Demo project: demolish two buildings, precursor of the Jaffrey 16307 US Route 202 relocation project

Project Parcel #	Parcel ID	Location Address	Owner	Mailing Address	Town	State	Zip
	238-1		State of NH	PO Box 483	Concord	NH	03302-0483
Parcel 25	238-3	6 Blake Street	Arthur G Panagiotes Rev Trust 2012	760 Ashburnham Hill Road	Fitchburg	MA	01420
Parcel 24	238-4	1 Main Street	JMP Real Estate LLC	12 River Street	Jaffrey	NH	03452
Parcel 12	238-6	River Street	Jaffery War Memorial Committee	160 Proctor Road	Jaffrey	NH	03452
Parcel 11*	238-7	15 River Street	State of NH	PO Box 483	Concord	NH	03302-0483
Parcel 9	238-10	20 River Street	Dominique M J Caissie Et Al	5 Ellison Street	Jaffrey	NH	03452
Parcel 10	238-11	16 River Street	Northern New England Telephone Operation	770 Elm Street	Manchester	NH	03101
Parcel 13	238-12	12 River Street	Red's of Jaffery LLC	12 River Street	Jaffrey	NH	03452
Parcel 31	239-221	Stratton Road	State of NH	1 Hazen Drive	Concord	NH	03301
Parcel 26*	239-222	4 Stratton Road	State of NH	PO Box 483	Concord	NH	03302-0483
Parcel 29	239-223	9 Blake Street	Monomonac Equities LLC	22 Hudson Way	Rindge	NH	03461
Parcel 27	239-228	Blake Street	Arthur G Panagiotes Rev Trust 2012	760 Ashburnham Hill Road	Fitchburg	MA	01420
Parcel 7	239-229	21 River Street	Bjorn Frode Langoren	78 Sargent Road	Sandown	NH	03873

* Parcel with structures to be demolished

New Hampshire Natural Heritage Bureau NHB DataCheck Results Letter

To: Marc Laurin
7 Hazen Drive
Concord, NH 03302-0483

From: NH Natural Heritage Bureau

Date: 12/17/2021 (This letter is valid through 12/17/2022)

Re: Review by NH Natural Heritage Bureau of request dated 12/17/2021

Permit Type: Shoreland Standard Permit

NHB ID: NHB21-3896

Applicant: Marc Laurin

Location: Jaffrey
Tax Map: 358 and 239, Tax Lot: 0137 and 222
Address: 15 River Street and 4 Stratton Road

Proj. Description: Demolition of buildings at 15 River street and 4 Stratton Road to support the construction of the Jaffrey NH 202 Traffic Intersection Improvement Project that involves improvements to the five-way intersection of US 202 (Main Street/Peterborough Street) with NH 124 (Turnpike Road), Stratton Road, and Blake Street in the Town of Jaffrey. The Town has requested these buildings, now vacant, be removed in advanced of the overall construction project scheduled to occur in 2024.

The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

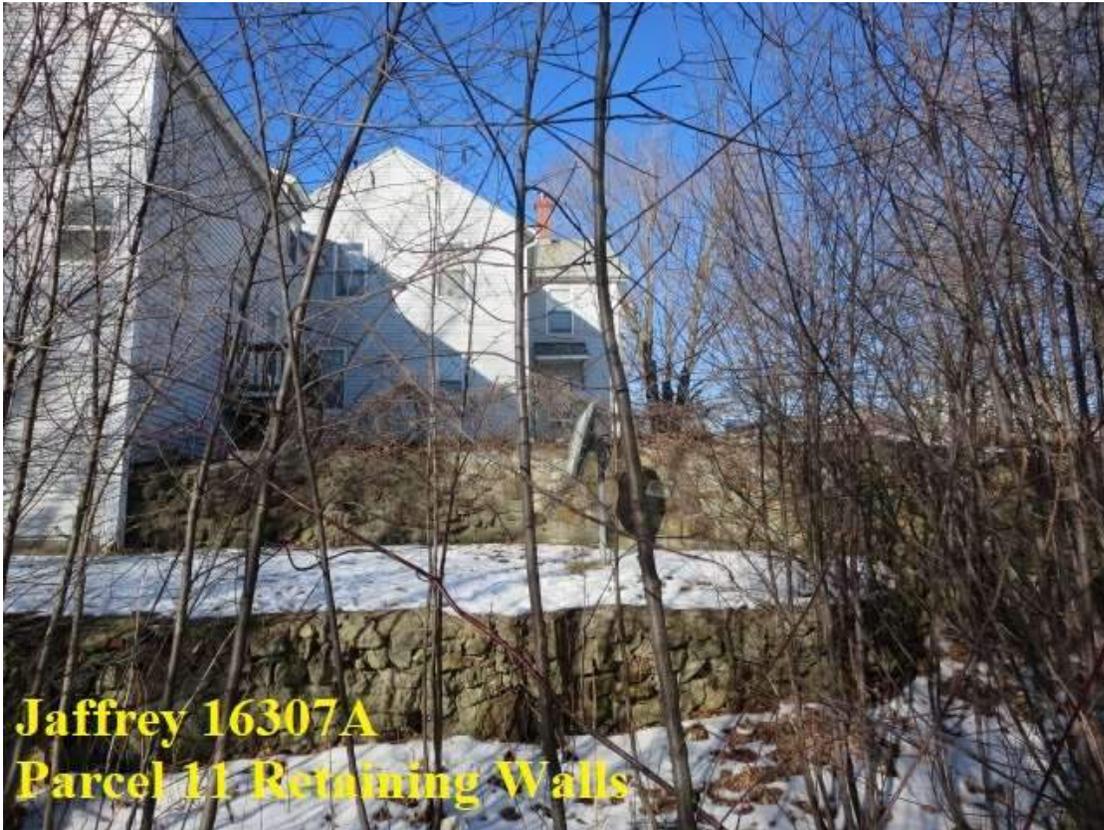
New Hampshire Natural Heritage Bureau
NHB DataCheck Results Letter

MAP OF PROJECT BOUNDARIES FOR: NHB21-3896

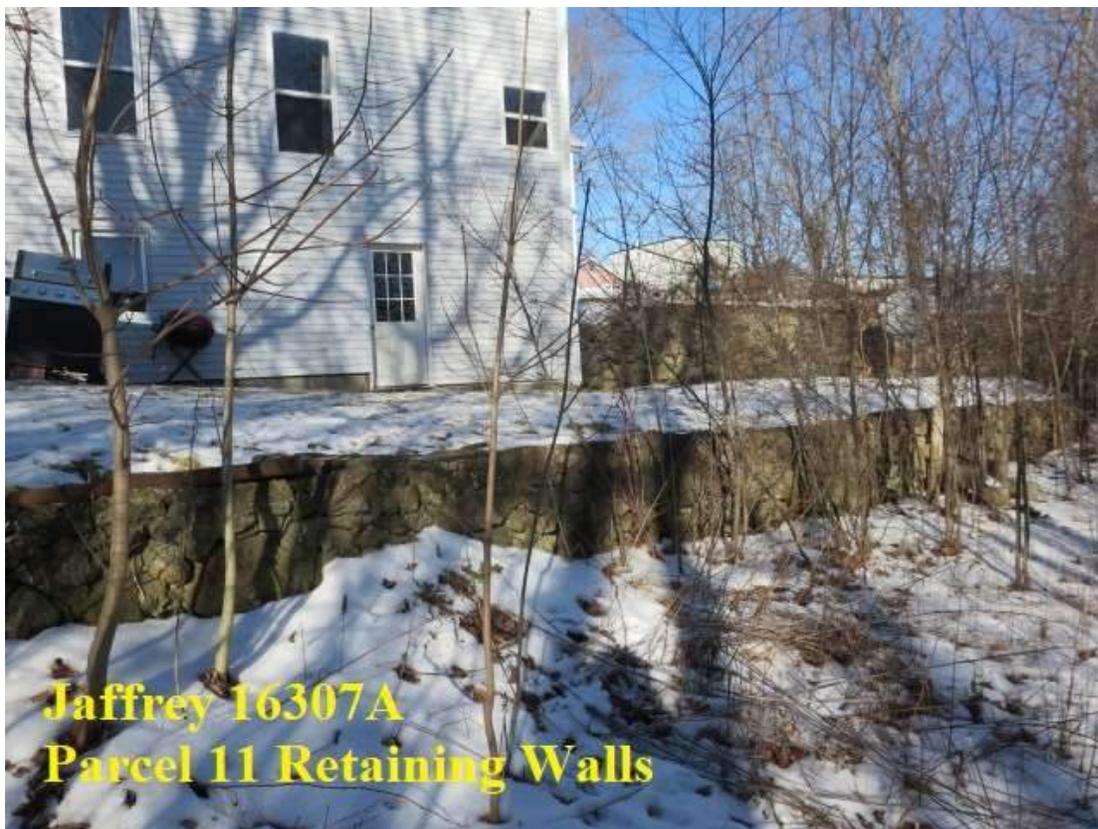




**Jaffrey 16307A
Parcel 11 Frontage**



**Jaffrey 16307A
Parcel 11 Retaining Walls**





**Jaffrey 16307A
Parcel 26 Frontage**



**Jaffrey 16307A
Parcel 26
Back of structure and parking lot**

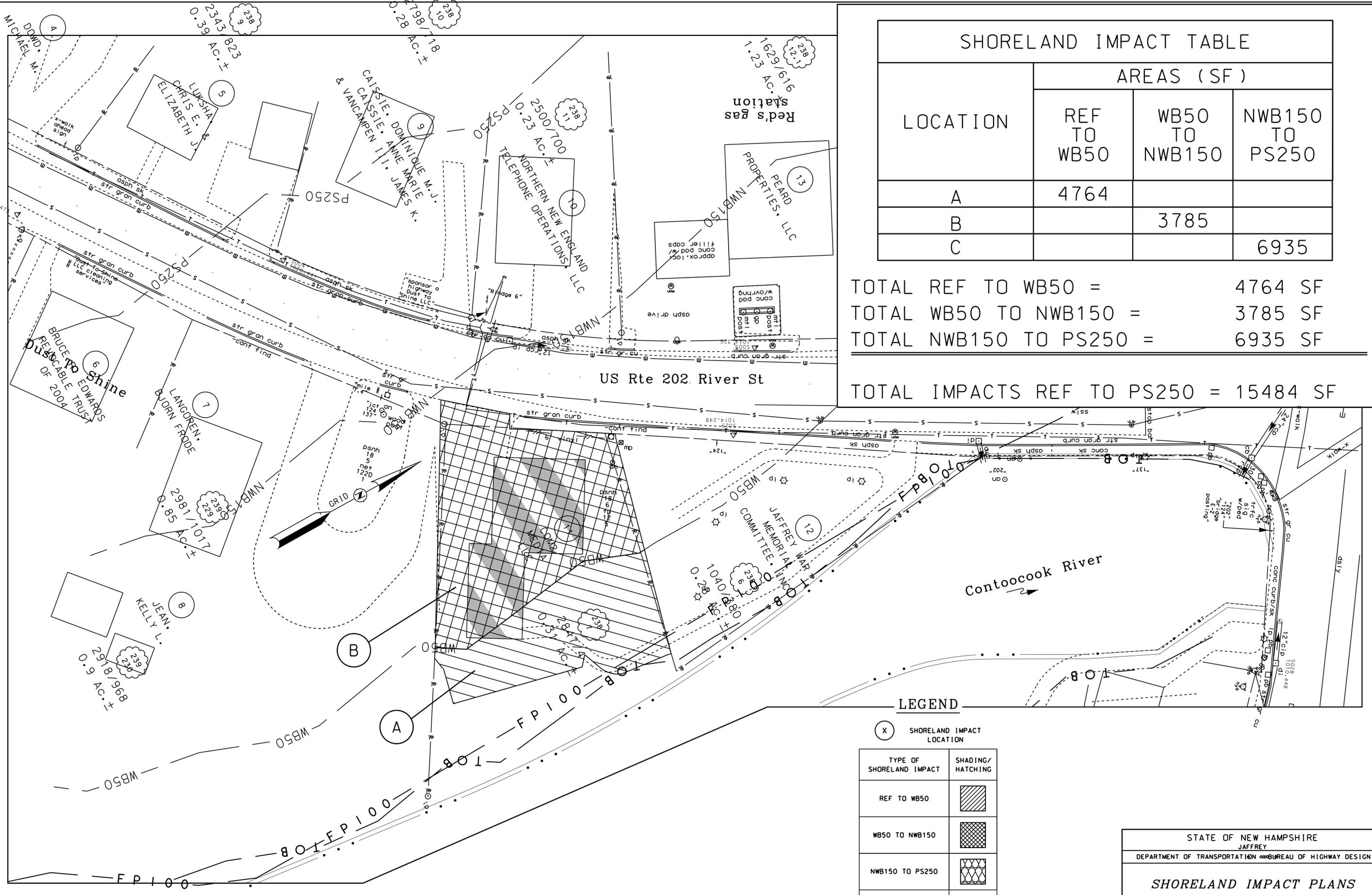


Jaffery 16307A
Parcel 26
Side of Structure



Jaffery 16307A
Parcel 26
Retaining wall at back of parking lot

SDR PROCESSED NAME1	DATE DATE1	STATION	DESCRIPTION
NEW DESIGN A. King	DATE Dec 14, 2021		
SHEET CHECKED NAME3	DATE DATE3		
AS BUILT DETAILS	DATE		



SHORELAND IMPACT TABLE			
LOCATION	AREAS (SF)		
	REF TO WB50	WB50 TO NWB150	NWB150 TO PS250
A	4764		
B		3785	
C			6935

TOTAL REF TO WB50 = 4764 SF
 TOTAL WB50 TO NWB150 = 3785 SF
 TOTAL NWB150 TO PS250 = 6935 SF
 TOTAL IMPACTS REF TO PS250 = 15484 SF

LEGEND

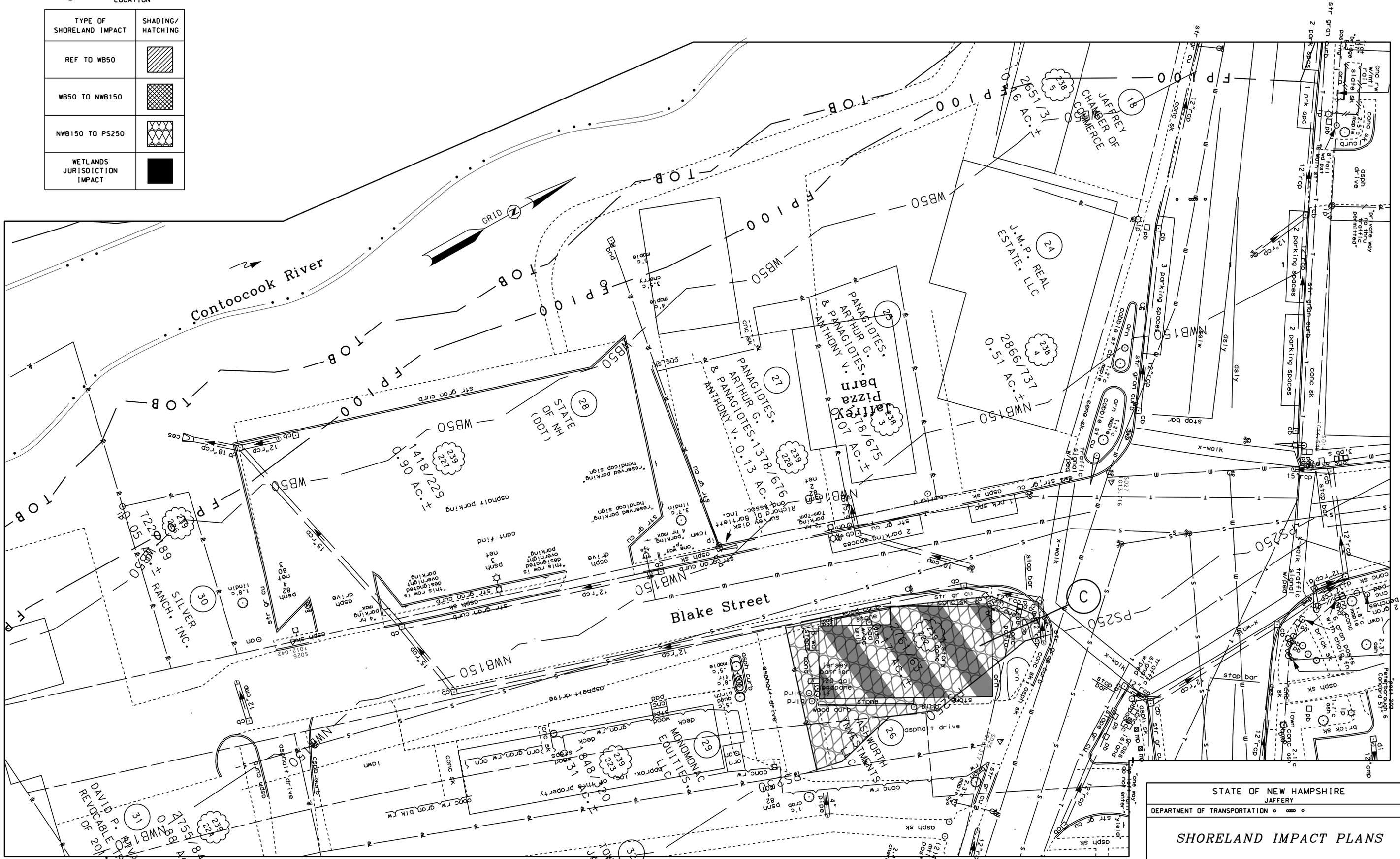
(X)	SHORELAND IMPACT LOCATION
[Diagonal Lines]	REF TO WB50
[Cross-hatch]	WB50 TO NWB150
[Wavy Lines]	NWB150 TO PS250
[Solid Black]	WETLANDS JURISDICTION IMPACT

STATE OF NEW HAMPSHIRE JAFFREY			
DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAY DESIGN			
SHORELAND IMPACT PLANS			
DGN	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
16307Ashr - aik 10272021.dwg	16307A	1	2

LEGEND

(X)	SHORELAND IMPACT LOCATION
TYPE OF SHORELAND IMPACT	SHADING/HATCHING
REF TO WB50	
WB50 TO NWB150	
NWB150 TO PS250	
WETLANDS JURISDICTION IMPACT	

SDR PROCESSED NAME1	DATE DATE1	STATION	DESCRIPTION
NEW DESIGN A. King	DATE Dec 14, 2021		
SHEET CHECKED NAME3	DATE DATE3		
AS BUILT DETAILS	DATE		



DAVID P. ROYWARD
REVICABLE TRUST
1755 B WMB1
AC. 8/10
234

STATE OF NEW HAMPSHIRE
JAFFERY
DEPARTMENT OF TRANSPORTATION

SHORELAND IMPACT PLANS

DGN	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
16307Ashr - aik 10272021.dwg	307A	2	2